



## Heli Pile Foundation System

For

### Portakabin Modular Classrooms at St. Johns School, Seaford.

Target were called upon to provide a “Dry” foundation solution for this project after a soil investigation reported very soft clays to a depth in excess of 3 metres.

With the previous experience of providing the telecommunications industry with cost effective “Dry” foundation solutions the task was undertaken. Along with the Heli Piles the “Top Hats” were designed and fabricated in house.

The grid position for the pile points was marked out and the Heli Piles installed to within a level tolerance of 3mm. All Heli Piles are proof tested on site, accommodating any changes in the ground conditions.

The Heli Pile and galvanised steel “Top Hats” are connected with bolts providing a mechanical fix between the two, the modular units are then lowered into position. Once all the modular units are in place and connected together they are bolted to the “Top Hats” providing a “Dry” foundation solution.

The 28 pile points were installed in 3 days and the modular units arrived the following week and were all sited within one day.



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